PCT

REQUEST

For receiving Office use only
International Application No.
International Filing Date
Name of receiving Office and "PCT International Application"

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty. Applicant's or agent's file reference (if desired) (12 characters maximum) DC5180PCT1 Box No. I TITLE OF INVENTION METHOD OF REMOVING IMPURITIES FROM METALLURGICAL GRADE SILICON TO PRODUCE SOLAR **GRADE SILICON** Box No. II **APPLICANT** This person is also inventor Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) Telephone No. 989-496-3161 DOW CORNING CORPORATION Facsimile No. 2200 West Salzburg Road 989-496-6354 Midland, Michigan 48686-0994 United States of America Teleprinter No. Applicant's registration No. with the Office State (that is, country) of nationality: State (that is, country) of residence: United States of America United States of America This person is applicant all designated all designated States except the United States the States indicated in the United States of America the Supplemental Box for the purposes of: States of America only FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) Box No. III Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) This person is: applicant only BURNS, Gary 2233 Mockingbird Lane applicant and inventor Midland, Michigan 48640 United States of America inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office State (that is, country) of nationality: State (that is, country) of residence: US This person is applicant all designated the United States of America only all designated States except the States indicated in for the purposes of: States the United States of America the Supplemental Box Further applicants and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: common agent representative Name and address: (Family name followed by given name; for a legal entity, full official designation. Telephone No. The address must include postal code and name of country.) 989-496-3161 MILCO, Larry A. Facsimile No. Patent Department - Mail CO1232 2200 West Salzburg Road Midland, Michigan 48686-0994 United States of America 989-496-6354 Teleprinter No. Agent's registration No. with the Office US Reg. No. 41,196 Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)				
If none of the following sub-boxes is used, this sheet should not be included in the request.				
Name and address: (Family name followed by given name; for a legal en. The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of residence RABE, James 1210 Glendale Midland, Michigan 48640 United States of America	the address indicated in this			
State (that is, country) of nationality: US	State (that is, country) of residence:			
	ed States except the Countried States the States indicated			
	es of America Only in the Supplemental			
Name and address: (Family name followed by given name; for a legal ent The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of residence YILMAZ, Sefa 6896 Island Drive South Saginaw, Michigan 48603 United States of America	the address indicated in this			
State (that is, country) of nationality: US	State (that is, country) of residence: US			
This person is all designated all designat applicant for the States all designated United State	the United States except the the United States of America only the States indicated in the Supplemental			
Name and address: (Family name followed by given name; for a legal ent The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of residence	the address indicated in this			
State (that is, country) of nationality:	State (that is, country) of residence:			
This person is all designated all designate applicant for the States all designate United States	ed States except the the United States the States indicated in the Supplemental			
Name and address: (Family name followed by given name; for a legal ent The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of residence	the address indicated in this			
State (that is, country) of nationality:	State (that is, country) of residence:			
	ed States except the the United States the States indicated in the Supplemental			
Further applicants and/or (further) inventors are indicated	ted on another continuation sheet.			

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Sheet No	
Sheet No	_

Box	No.V DESIGNAT	TIONS			
The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.					
Hov	vever,				
님	DE Germany is not d	esignated for any kind of na	tional protection		
빌	KR Republic of Korea	is not designated for any ki	nd of national protection	1	
$ \sqcup $	RU Russian Federation	n is not designated for any k	aind of national protection	n	
ejjec	ci, unaer the national i	ay be used to exclude (irrev law, of an earlier national ap h national law provisions in	oplication from which pr	iority is claimed. See t	avoid the ceasing of the he Notes to Box No. V as
Box	No. VI PRIORITY	CLAIM	;		
The	priority of the following	ng earlier application(s) is he	ereby claimed:		
<u> </u>	Filing date	Number	W	here earlier application	is:
	f earler application (day/month/year)	of earlier application	national application: country or Member	regional application:* regional Office	international application: receiving Office
item 0	(1) 4 December 2003 (04/12/03)	60/527,120	US		
item	(2)				
item	(3)				
	Further priority claims	s are indicated in the Supple	mental Box.		
The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:					
	all items it	em (1))	other, so	ee Supplemental Box
* Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)):					
				• • • • • • • • • • • • • • • • • • • •	
		ATIONAL SEARCHING A		· · · · · · · · · · · · · · · · · · ·	
carry	ice of International S y out the international A/EP	Searching Authority (ISA) search, indicate the Authori	(if two or more Interna ty chosen; the two-letter	tional Searching Autho code may be used):	orities are competent to
i		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		
Requ	uest to use results of the International Seat	earlier search; reference to rching Authority):	that search (if an earlie	er search has been car	ried out by or requested
Date	(day/month/year)	Numl	oer Coui	ntry (or regional Office)
Box No. VIII DECLARATIONS					
The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration): Number of declarations					
	Box No. VIII (i)	Declaration as to the iden	tity of the inventor		:
×	Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent				: 1
X	Box No. VIII (iii)	Declaration as to the appl filing date, to claim the pr	icant's entitlement, as at triority of the earlier appli	the international cation	· · · · · · · · · · · · · · · · · · ·
☒	Box No. VIII (iv) Declaration of inventorship (only for the purposes of the designation			. 2	
Box No. VIII (v) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty:					

Sheet No. 4

Box No. VIII (ii)	DECLARATION: 1	ENTITLEMENT TO AP	PLY FOR AND BE GRAN	TED A PATENT
The declaration must congeneral) and the specific	nform to the standardized Notes to Box No. VIII (i	l wording provided for in Sec. i). If this Box is not used, this	tion 212; see Notes to Boxes No sheet should not be included in	s. VIII, VIII (i) to (v) (in the request.
Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis. 1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate:				
in relation to this into	emational application	٦,		
DOW CORNING CO	ORPORATION is ent	itled to apply for and be	granted a patent by virtue	of the following:
DOW CORNING CO	DRPORATION is ent	itled as employer of the	inventors,	
BURNS, Gary of 2233 Mockingbird Lane, Midland, Michigan 48640, US; RABE, James of 1210 Glendale, Midland, Michgan 48640, US and; YILMAZ, Sefa of 6896 Island Drive South, Saginaw, Michigan 48603, US				
This declaration is n	nade for the purpose	s for all designations.		
				·.
				:
				;
☐ This declaration is	s continued on the follo	owing sheet, "Continuation	of Box No. VIII (ii)"	
			T 111 (11) .	

Box No. VIII (iii) DECLARATION: ENTITLEMENT TO CLAIM PRIORITY

The declaration must conform to the standardized wording provided for in Section 213; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iii). If this Box is not used, this sheet should not be included in the request.

Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)): in relation to this international application,

DOW CORNING CORPORATION is entitled to claim priority of earlier application

No. US 60/520,598

by virtue of the following:

DOW CORNING CORPORATION is entitled as employer of the inventors

BURNS, Gary RABE, James YILMAZ, Sefa

This declaration is made for the purposes of all designations, except the designation of the United States of America.

This declaration is continued on the following sheet, "Continuation of Box No. VIII (iii)".

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)

The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes

Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.
This declaration is directed to the international application of which it forms a part (if filing declaration with application).
This declaration is directed to international application to Rule 26ter). (if furnishing declaration pursuant
I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.
I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.
Prior Applications:
I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.
Name: BURNS, Gary
Residence: Midland, Michigan (city and either US state, if applicable, or country)
Mailing Address: 2233 Mockingbird Lane
Midland, Michigan 48640
The second second
Inventor's (if not contained in the fequest, or if declaration is corrected or added under Rule 201er after the filing of the international application. The signature must be that of the inventor, not that of the agent) Date: (of signature (which is not contained in the request, or of the declaration that is corrected or added under Rule 261er after the filing of the international application)
Name: RABE, James.
Residence: Midland, Michigan (city and either US state, if applicable, or country)
Mailing Address: 1210 Glendale
Midland, Michigan 48640
Citizenship: US
Inventor's Signature: James a. Rabl Date: august 24, 2004
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)
This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

Continuation of Box No. VIII (i) to (v) DECLARATION

If the space is insufficient in any of Boxes Nos. VIII (i) to (v) to furnish all the information, including in the case where more than two inventors are to be named in Box No. VIII (iv), in such case, write "Continuation of Box No. VIII ..." (indicate the item number of the Box) and furnish the information in the same manner as required for the purposes of the Box in which the space was insufficient. If additional space is needed in respect of two or more declarations, a separate continuation box must be used for each such declaration. If this Box is not used, this sheet should not be included in the request.

CONTINUATION OF BOX NO. VIII (iv)

Name: YILMAZ, Sefa

Residence: Saginaw, Michigan

Mailing Address: 6896 Island Drive South, Saginaw, Michigan 48603

Citizenship: US

By: Scha Yilm

Date: Aug. 24, 2004

Box No. IX CHECK LIST; LANGUAGE OF FILING				
This international application contains: (a) in paper form, the following number of sheets:	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	Number of items		
request (including	1. fee calculation sheet	: 1		
declaration sheets) : 8 description (excluding	2. original separate power of attorney	:		
sequence listing and/or tables related thereto) : 12	 3. original general power of attorney 4. copy of general power of attorney; reference number, if 	:		
claims : 2	4. Copy of general power of attorney; reference number, if any:	: 4		
abstract : 1	5. statement explaining lack of signature	:		
drawings : 0	6. ☐ priority document(s) identified in Box No. VI as item(s):	•		
Sub-total number of sheets 23 sequence listing :	7. translation of international application into (language):	:		
tables related thereto : (for both, actual number	8. separate indications concerning deposited microorganism or other biological material	:		
of sheets if filed in paper form, whether or not also	9. sequence listing in computer readable form (indicate type and number of carriers)			
filed in computer readable form; see (c) below)	(i) ☐ copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application	n) .		
Total number of sheets : 23 (b) only in computer readable form	(ii) (only where check-box (b)(i) or (c)(i) is marked in left column additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter) ; ;		
(Section 801(a)(i)) (i) □ sequence listing	(iii) together with relevant statement as to the identity of the copy or copies with the sequence listing mentioned in left column	:		
(ii) ☐ tables related thereto (c) ☐ also in computer readable form	10. tables in computer readable form related to sequence listing (indicate type and number of carriers)			
(Section 80f(a)(ii)) (i) □ sequence listing	(i) copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international	.1		
(ii) tables related thereto	application)	:		
Type and number of carriers (diskette, CD-ROM, CD-R or other)	 (ii) (only where check-box (b)(ii) or (c)(ii) is marked in lection (column) additional copies including, where applicable, it copy for the purposes of international search under Section (802(b-quater)) 	ift ie		
(diskette, CD-ROM, CD-R or other) on which are contained the		on :		
sequence listing:	(iii) together with relevant statement as to the identity of the copy or copies with the tables mentioned in left column			
(additional copies to be indicated under	11. other (specify):Cover Letter; Return Post Card	· : 2		
items 9(ii) and/or 10(ii), in right column)				
Figure of the drawings which should accompany the abstract: Language of filing of the international application: English				
	GENT OR COMMON REPRESENTATIVE			
DOW CORNING CORPORATION	ng and the capacity in which the person signs (if such capacity is not obvious from reading th	e requesi).		
By: Sun a milio				
Larry A. Milco				
For receiving Office use only 1. Date of actual receipt of the purported 2. Drawings:				
international application:		ived:		
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the				
purported international application:				
Date of timely receipt of the required corrections under PCT Article 11(2):	not :	received:		
5. International Searching Authority (if two or more are competent): ISA/	6. Transmittal of search copy delayed until search fee is paid			
	For International Bureau use only			
Date of receipt of the record copy by the International Bureau:				

This sheet is not part of and does not count as a sheet of the international application.

PCT - For receiving Office use only -FEE CALCULATION SHEET International Application No. Annex to the Request Applicant's or agent's **DC5180PCT1** file reference Date stamp of the receiving Office Applicant DOW CORNING CORPORATION CALCULATION OF PRESCRIBED FEES 300.00 丁 1. TRANSMITTAL FEE 1,818.00 S 2. SEARCH FEE EP International search to be carried out by _ (If two or more International Searching Authorities are competent to carry out the international search, indicate the name of the Authority which is chosen to carry out the international search.) 3. INTERNATIONAL FILING FEE Where item (b) and/or (c) of Box No. IX apply, enter Sub-total number of sheets 23 Where item (b) and (c) of Box No. IX do not apply, enter Total number of sheets il first 30 sheets number of sheets in fee per sheet excess of 30 additional component (only if sequence listing and/or tables related thereto are filed in computer readable form under Section 801(a)(i), or both in that form and on paper, under Section 801(a)(ii)): i3 fee per sheet 1,035.00 I Add amounts entered at i1, i2 and i3 and enter total at I (Applicants from certain States are entitled to a reduction of 75% of the international filing fee. Where the applicant is (or all applicants are) so entitled, the total to be entered at I is 25% of the international filing fee.) 20.00 P 4. FEE FOR PRIORITY DOCUMENT (if applicable) 3,173.00 5. TOTAL FEES PAYABLE · · · · TOTAL Add amounts entered at T, S, I and P, and enter total in the TOTAL box MODE OF PAYMENT authorization to charge deposit account (see below) postal money order cash coupons cheque bank draft revenue stamps other (specify): AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCOUNT US Receiving Office: (This mode of payment may not be available at all receiving Offices) Deposit Account No. Authorization to charge the total fees indicated above. Date: (This check-box may be marked only if the conditions for deposit accounts of the receiving Office so permit) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.

Name:

Signature: _

Authorization to charge the fee for priority document.